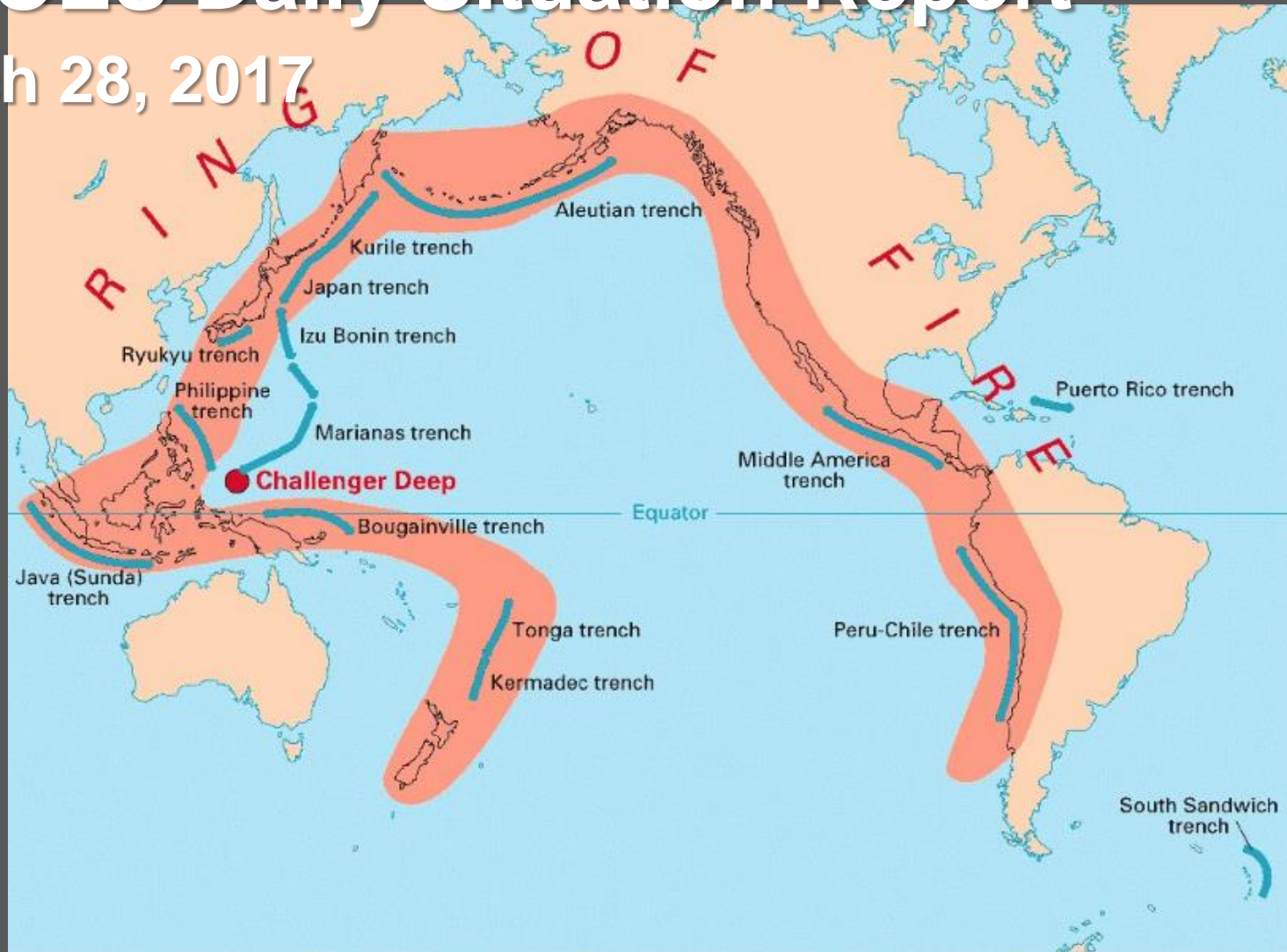


Cal OES Daily Situation Report

March 28, 2017



80-90% of the world's tsunamis occur within the Pacific Ring of Fire which includes the United States West Coast
Tsunami Preparedness Week continues: 03/27-03/31

Photo Courtesy: Long Beach Disaster Preparedness/Twitter



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Duty Officer	
EDO	Grace Koch
CSWC Watch Officer	Grady Tunnell (Day) Janice Webb (Night)
STAC Duty Officer	STAC@caloes.ca.gov 916-275-4069
FDO	David Stone
LDO	Mark Baldwin
IDO	Kim Nielsen
CDO	Roger Sigtermans
SDO	Sonia Brown
PIO	Brad Alexander
TDO	Jeff Howell
IT	Jerry Kincaid
EQTP	Sharon Blankenheim
Tribal Liaison POC	Denise Shemenski
Access and Functional Needs POC	Vance Taylor

National Terrorism Advisory System



SITUATION SUMMARY

Cal OES Activation Status

State Operations Center	Inland Region EOC	Coastal Region EOC	Southern Region EOC
Level 1	Level 1	Level 1	Level 1

California Tsunami Preparedness Week, 03/27/17 to 03/31/17

During California's Tsunami Preparedness Week, Cal OES along with local, state, and federal partners promote tsunami safety and awareness and urge coastal residents and visitors to prepare themselves and their families for a tsunami.

- NOAA and Cal OES currently plan to conduct a tsunami warning communications system test on 03/29/17.
- NOAA's National Weather Service Offices in Monterey, Oxnard and San Diego will broadcast the "Required Monthly Test" within their respective jurisdictions. The test will also be broadcast on NOAA Weather Radio All Hazards, local television and radio stations.

Oroville Dam Auxiliary Spillway Incident

On 03/27/17 the California Department of Water Resources (DWR) advised that at they have begun gradually ramping down outflow from the Oroville Reservoir.

- Flow from the flood control spillway will be reduced from 40,000 cubic feet per second to zero.
- As flows are reduced, DWR will monitor the status of the dam, spillways, and related structures to ensure their continued safety and stability.
- Flow to the Feather River will be reduced gradually to minimize risk to downstream levees per the Army Corps of Engineers operational requirements.
- This flow reduction in the river will be buffered by the Hyatt Powerplant, Diversion Pool, Thermalito Forebay, and the Thermalito Afterbay to a final flow of 13,000 cubic feet per second.

Per the DWR Flood Operations Center and California Data Exchange Center (CDEC) [as of 03/28/17 at 1000 hours](#):

- Inflow: [18,825](#) cfs.
- Outflow: [11,625](#) cfs.
- The current lake elevation is [837.27](#) feet.

Mission Tasking

- 2017-SOC-33363: Road Repair (Butte County) – On Scene.
- 2017-SOC-34379: Caltrans engineer to visually inspect and conduct Impact-Echo Testing on the gated concrete spillway floor – On Scene
- 2017-CalOES-34685: Asbestos Monitor (Butte County) – Coordinating.
- 2017-SOC-31712: 2 Structural Engineers for evaluation of the Oroville Spillway Bridge (Butte County) – On Scene.

SITUATION SUMMARY

Cal OES Activation Status

State Operations Center	Inland Region EOC	Coastal Region EOC	Southern Region EOC
Level 1	Level 1	Level 1	Level 1

Cal OES COASTAL REGION

- See 2017 Statewide Winter Storms Slides

Cal OES INLAND REGION

- See 2017 Statewide Winter Storms Slides

Cal OES SOUTHERN REGION

- See 2017 Statewide Winter Storms Slides

SITUATION SUMMARY

Oroville Dam - Cal OES INLAND (continued)

Declaration

Presidential Emergency Declaration, FEMA-3381-EM

- Federal emergency aid has been made available to the State of California to supplement State, tribal, and local response efforts due to the emergency conditions resulting from the potential failure of the emergency spillway at Lake Oroville Dam beginning on 02/07/17 and continuing.

Proclamations

- Governor Brown issued a Proclamation of a State of Emergency on 02/12/17 due to the Oroville Dam Auxiliary Spillway Failure.
- **Butte County**
 - On 02/17/17 the CSWC received a ratified proclamation from Butte County for the Oroville Spillway Incident requesting any State and Federal Assistance.
 - On 02/13/17, the CSWC received a proclamation from Butte County due to the Oroville Dam Auxiliary Spillway Failure. There are no requests for state assistance at this time.
- **Glenn County**
 - On 03/03/17, the CSWC received a ratified proclamation from Glenn County requesting a Governors Proclamation, State and Federal Assistance due to the Oroville Dam Auxiliary Spillway Failure.
 - On 02/17/17 the CSWC received a proclamation from Glenn County proclaiming a state of emergency due to the Oroville Dam Auxiliary Spillway Failure at this time there is no request for state assistance at this time.
- **Nevada County**
 - On 03/20/17 the CSWC received a signed resolution terminating the local emergency proclamation due to the 2017 February Oroville Auxiliary Spillway Failure Incident and Mandatory Evacuations.
- **Sutter County**
 - On 02/16/17, the CSWC received a proclamation from Sutter County due to the Oroville Dam Auxiliary Spillway Failure requesting Director's Concurrence, CDAA, and federal assistance.
 - On 02/23/17, the CSWC received a proclamation from the City of Live Oak, Sutter County due to the Oroville Dam Auxiliary Spillway Failure incident. There are no requests for state assistance.
- **Yolo County**
 - On 02/15/17 the CSWC received a resolution from Yolo County for the 2017 February Oroville Auxiliary Dam Incident. The County is requesting a Directors Concurrence, Presidential Declaration, and CDAA.
- **Yuba County**
 - On 02/13/17, the CSWC received a proclamation from Yuba County due to the Oroville Dam Auxiliary Spillway Failure requesting Gubernatorial and Director's Concurrence.

SITUATION SUMMARY

2017 February Storms

Cal OES Coastal Region

Pfeiffer Bridge Incident, Monterey County

California Highway Patrol (CHP) and Caltrans had a hard closure on the Pfeiffer Bridge on HWY 1 at mile marker 45.52 (SB Sycamore Canyon and the Bridge) due to a crack in the bridge.

- With the bridge removed, the community of Big Sur is isolated, an estimated 450 people, in 3 different areas/enclaves.
- Nacimiento-Ferguson Road might be open to the public to provide an access point to the east.
- Backup air medical transport plans have been developed and California National Guard assets have been secured for medical emergencies through Cal OES Law Enforcement Branch
- The southern detour route was opened as of 03/13/17 to local traffic only.

2017 February Winter Storm Proclamations

- See Cal OES 2017 February Winter Storms Proclamations Slide.

2017 January Winter Storm Proclamations

- See Cal OES 2017 January Winter Storms Proclamations Slide.

River Forecast - The following rivers are forecast to meet or exceed Monitor Stage:

- Solano County: Sacramento River at Rio Vista

Please see link for River Forecast Guidance - <http://www.cnrfc.noaa.gov/>

SITUATION SUMMARY

2017 February Winter Storms

Cal OES Inland Region

EOC Activations

- None at this time.

Deployments

- None at this time.

2017 February Winter Storm Proclamations

- See Cal OES 2017 February Winter Storms Proclamations Slide.

2017 January Winter Storm Proclamations

- See Cal OES 2017 January Winter Storms Proclamations Slide.

River Forecast - The following rivers are forecast to meet or exceed Monitor Stage:

- Sutter Counties: Sacramento River at Tisdale Weir
- Sutter & Yolo Counties: Sacramento River at Fremont Weir
- Yolo County: Yolo Bypass at Lisbon
- San Joaquin County: San Joaquin River at Vernalis
- Stanislaus County: Tuolumne River at Modesto, San Joaquin River at Patterson, San Joaquin River at Newman
- Merced County: Merced River at Stevinson

Please see link for River Forecast Guidance - <http://www.cnrfc.noaa.gov/>

Cal OES Southern Region

2017 February Winter Storm Proclamations

- See Cal OES 2017 February Winter Storms Proclamations Slide.

2017 January Winter Storm Proclamations

- See Cal OES 2017 January Winter Storms Proclamations Slide.

CAL OES RECOVERY

Presidential Declaration Storms – FEMA-4301-DR-CA & FEMA-4305-DR-CA

Preliminary Damage Assessments are complete for counties named under Presidential Declaration FEMA-4301-DR-CA and FEMA-4305-DR-CA: Humboldt, Alameda, Amador, Butte, Calaveras, Contra Costa, El Dorado, Inyo, Lake, Lassen, Marin, Mendocino, Merced, Mono, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Luis Obispo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Trinity, Tuolumne, Yolo, Yuba

The following is a schedule of Applicants' Briefings hosted by Cal OES Recovery

Date and Time	Application Deadline	Location	Description
03/29/17, 0930-1200 hours	04/11/17	Rosemead Community Recreation Center 3936 Muscatel Avenue Rosemead, Los Angeles County	Los Angeles County Applicants' Briefing
04/04/17, 1300-1600 hours	04/11/17	San Diego County Emergency Operations Center 5580 Overland Avenue, Suite 100 San Diego, San Diego County	San Diego County Applicants' Briefing
04/05/17, 1300-1600 hours	04/11/17	Beaumont Civic Center 550 E. 6th Street Beaumont, Riverside County	Riverside County Applicants' Briefing

Cal OES 2017 February Winter Storms Proclamations

Governor Brown Requests Presidential Major Disaster Declaration Due to February Storms, Damage to Oroville Dam Spillway

- On 03/19/17, Governor Edmund G. Brown Jr. requested a Presidential Major Disaster Declaration to aid with repairs to the damaged Oroville Dam spillway and to bolster state and local recovery efforts following February storms that caused major flooding, levee breaches, the evacuation of residents, power outages and extensive damage to roads and bridges across California.
 - The full Gubernatorial Proclamation can be found [here](#)
 - The proclamation adding Contra Costa and Solano Counties to the emergency Proclamation can be found [here](#)
 - The full request for a Presidential Declaration can be found [here](#)

U.S. Small Business Administration Disaster Declaration

- On 03/20/17, the U.S. Small Business Administration approved a disaster declaration for the following counties: Colusa, Lake, Lassen, Plumas, Santa Clara, Santa Cruz, Alameda, Butte, Glenn, Mendocino, Merced, Modoc, Monterey, Napa, San Benito, San Joaquin, San Mateo, Shasta, Sierra, Sonoma, Stanislaus, Sutter, Tehama, Yolo, Yuba

Proclamations have been received from the following counties, cities, tribal governments, and special districts as a result of the 2017 February Winter Storms:

Proclamations for Coastal Region:

Counties: Alameda County, Contra Costa County, Del Norte County, Humboldt County, Lake County, Marin County, Mendocino County, Monterey County, Napa County, Santa Clara County, San Mateo County, Santa Cruz County, Solano County, Sonoma County

Towns/Cities: City of San Jose, City of Cloverdale

Proclamations for Inland Region:

Counties: Alpine County, Amador County, Colusa County, El Dorado County, Fresno County, Glenn County, Kings County, Lassen County, Mariposa County, Merced County, Modoc County, Nevada County, Plumas County, Sacramento County, San Joaquin County, Shasta County, Sierra County, Siskiyou County, Stanislaus County, Sutter County, Tehama County, Trinity County, Tuolumne County, Yolo County, Yuba County

Towns/Cities: City of Placerville, Town of Truckee, City of Loyalton, City of Jackson, City of Portola

Proclamations for Southern Region:

Counties: San Diego County, Santa Barbara County

Towns/Cities: City of Duarte, City Chula Vista, Town of Mammoth Lakes, City of San Diego

Cal OES 2017 January Winter Storms Proclamations

Presidential Major Disaster Declaration: FEMA-4305-DR-CA

- On 03/16/17, the Federal Emergency Management Agency (FEMA) announced that federal disaster assistance has been made available to the State of California to supplement State, tribal, and local recovery efforts in the areas affected by severe winter storms, flooding, and mudslides from 01/18/17 to 01/23/17.
- Federal funding is available to State, tribal, and eligible local governments and certain private nonprofit organizations on a cost-sharing basis for emergency work and the repair or replacement of facilities damaged by severe winter storms, flooding, and mudslides in El Dorado, Kern, Los Angeles, Mendocino, Napa, Orange, Riverside, Sacramento, San Diego, San Luis Obispo, San Mateo, Santa Barbara, Santa Cruz, Trinity, Tuolumne, and Yolo counties.

Presidential Major Disaster Declaration: FEMA-4301-DR-CA

- On 02/14/17, the Federal Emergency Management Agency (FEMA) announced that federal disaster assistance has been made available to the State of California to supplement State, tribal, and local recovery efforts in the areas affected by severe winter storms, flooding, and mudslides from 01/03/17 to 01/12/17.
- Federal funding is available to State, tribal, and eligible local governments and certain private nonprofit organizations on a cost-sharing basis for emergency work and the repair or replacement of facilities damaged by severe winter storms, flooding, and mudslides in Alameda, Amador, Butte, Calaveras, Contra Costa, El Dorado, Humboldt, Inyo, Lake, Lassen, Marin, Mendocino, Merced, Mono, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Luis Obispo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Trinity, Tuolumne, Yolo, and Yuba counties.

Governor Brown Requests Presidential Major Disaster Declaration Due to January Storms

- Governor Edmund G. Brown Jr. today requested a Presidential Major Disaster Declaration to bolster state and local recovery efforts following late January storms that caused major flooding, mudslides, power outages and damage to critical infrastructure across California.
 - Full request can be found [here](#)
- Governor Brown today also issued two emergency proclamations due to storms in late January and February – for the counties of Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kern, Kings, Lake, Lassen, Los Angeles, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Bernardino, San Diego, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tuolumne, Ventura, Yolo, Yuba, Contra Costa, Orange, Riverside, San Francisco and Solano – which direct Caltrans to formally request immediate assistance through the Federal Highway Administration's Emergency Relief Program. The proclamations also direct the Office of Emergency Services to provide assistance to specified counties as a result of the late January storms. Damage assessments for the February storms and for the damaged spillway at Oroville Dam are ongoing.
 - The Emergency Proclamations can be found [here](#) and [here](#)

Cal OES 2017 January Winter Storms Proclamations

Proclamations have been received from the following counties, cities, tribal governments, and special districts as a result of the 2017 January Statewide Winter Storms.

Proclamations for Coastal Region:

- Counties: Alameda County, Contra Costa County, Humboldt County, Lake County, Marin County, Mendocino County, Monterey County, Napa County, San Benito County, San Mateo County, Santa Clara County, Santa Cruz County, Solano County, Sonoma County
- Cities: City of Benicia, City of Gilroy, City of Martinez, City of Oakland, City of Orinda, City of Point Arena
- Tribes: Hoopa Valley Indian Reservation
- Special District: Hidden Valley Lake Community Services District, Lake County

Proclamations for Inland Region:

- Counties: Alpine County, Amador County, Butte County, Calaveras County, El Dorado County, Kern County, Lassen County, Merced County, Nevada County, Placer County, Plumas County, Sacramento County, San Joaquin County, Shasta County, Sierra County, Siskiyou County, Sutter County, Trinity County, Tuolumne County, Yolo County, Yuba County
- Cities: City of Grass Valley, City of Loyalton, City of Nevada City, City of Placerville, City of Portola, City of South Lake Tahoe, Town of Truckee
- Special Districts: Reclamation District 900, Washington Water District

Proclamations for Southern Region:

- Counties: Inyo County, Los Angeles County, Mono County, Orange County, Riverside County, San Diego County, San Luis Obispo County, Santa Barbara County, San Bernardino County
- Cities: City of Duarte, City of Diamond Bar, City of Chula Vista, City of National City, City of Poway, City of Pismo Beach, Town of Mammoth Lakes

FIRE ACTIVITY

Cal OES Fire Preparedness Levels

National	Northern California	Southern California
Preparedness Level 1	Preparedness Level 1	Preparedness Level 2
	Multi-Agency Coordination System MACS Mode: 2	Multi-Agency Coordination System MACS Mode: 2

- Nothing Significant to Report.

MAJOR ROAD / HIGHWAY / BRIDGE CLOSURES

Major Road Closures		
Northern California	Central California	Southern California
Lifeline Route Closure	No Lifeline Route Closures	No Lifeline Route Closures

Lifeline Routes:

- There are no Lifeline Route Closures at this time.

Non-Lifeline Routes:

- Multiple Non-Lifeline Route Closures are in effect for various counties, please check highway conditions via the Caltrans logo below.

Wildfire Closures:

- There are no Wildfire Closures at this time.

Emergency Center Activations:

- There are no Emergency Center Activations at this time.

Interactive Travel Forecast Map Based on Weather Conditions Provided by National Weather Service (Prototype)

<http://www.wrh.noaa.gov/wrh/travel/?wfo=mtr>



Click on the Caltrans Logo to check
current highway conditions.
You can also call 1-800-427-7623 for
current highway conditions.



California 911 System

CA 911 Outages		
Northern California	Central California	Southern California
No 911 Outage	No 911 Outages	No 911 Outages

Service Interruptions:

- None reported

Remote/Community Isolations:

- None reported

WEATHER OF CONCERN

Weather of Concern

- Gusty northerly winds are expected to impact portions of Southwest California through Tuesday.
- The strongest winds, with damaging gusts to 65 mph, will affect the Antelope Valley, and the mountains of Los Angeles, Ventura and Santa Barbara Counties.

Active Weather Warnings, Watches and Advisories by County:

- http://www.wrh.noaa.gov/sto/brief/www_bc_cal.php - Temporarily unavailable. NWS is in the process of repairing the page

WEATHER SYNOPSIS BY REGION

NORTHERN CALIFORNIA

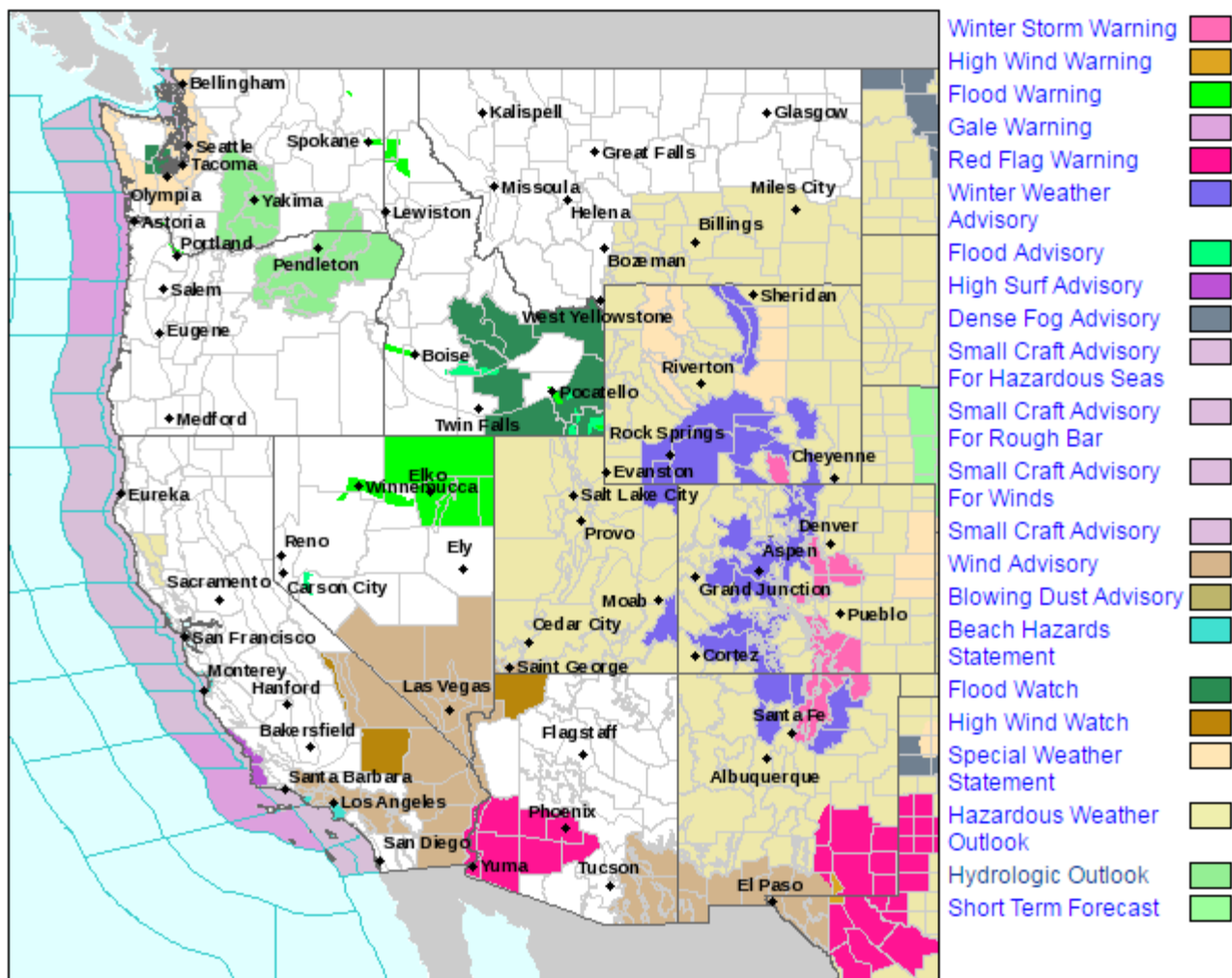
Much warmer and partly cloudy to sunny skies will prevail over Northern California today under higher pressure moving over the region. Another weather system will begin to push into the very northern portion of the region from off the Pacific overnight and slowly spread relatively light precipitation across the northern half of the region Wednesday. That system will continue to bring light precipitation to the northern and eastern areas Wednesday night through Thursday morning with just a few showers lingering in the far north and east Thursday afternoon. High pressure decisively arrives Friday behind that weather system and will linger Saturday with dry, warm conditions. There's uncertainty about Sunday's forecast details, but for now, it appears another weather system may be moving ashore with some showers for the northern and eastern mountain areas Sunday afternoon. That system will probably continue moving across the region next Monday with light showers over a larger area. Unsettled weather is expected to continue the rest of next week as well. Gusty northerly winds are expected to develop today in the Sacramento Valley and surrounding foothills. The next significant wind event will be late this week when quite strong, gusty N to NE winds develop late Thursday and last into early Saturday as the mentioned high pressure pattern moves over the region. The lowest snow levels this week will again be around 4000 ft in the NW to around 6000 ft across the Sierra late Wednesday night into Thursday morning. Afternoon high temperatures will be on the usual early spring roller coaster this week. The warmest inland valley areas will be coolest day Thursday with highs in the mid 60s (near normal), and the warmest day will be Saturday at near 80 (10-15 degrees above normal).

SOUTHERN CALIFORNIA

A ridge of high pressure building into California from the Pacific Ocean will bring northwest to north winds of 20 to 30 mph with gusts to 50 mph from Santa Barbara County eastward to Los Angeles County as well as the Owens Valley and the Colorado River this morning. These winds will slowly decrease and become less widespread starting this afternoon, but there will be localized gusty northerly winds through Wednesday morning. The ridge of high pressure will also cause significant warming to take place through Wednesday. Maximum temperatures will be in the 50s to low 60s across the mountains and 70s to low 80s in the valleys today, with 60s to low 70s across the mountains and upper 70s and 80s in the valleys Wednesday. Minimum humidity will be mainly between 15% and 30% through Wednesday. A trough will move inland across the Pacific Northwest and then into the Great Basin bringing much cooler temperatures and higher humidity to the region Thursday and Friday. Temperatures will cool to near normal by Friday. Isolated showers will fall over the Sierra Thursday, with a snow level between 6,000 and 7,000 feet. West to northwest winds of 20 to 40 mph with gusts to 60 mph will surface across the wind prone mountain and desert areas Thursday and then they will become northwest to north 20 to 30 mph with gusts to 50 mph Friday into Saturday morning. Significant warming and drying will occur once again this weekend as another ridge of high pressure builds in from the Pacific.



WEATHER MAP



Last map update: Mar, 28th 2017 at 10:38:01 am MDT



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Cal OES LAW ENFORCEMENT MISSIONS

Cal OES Law Missions:

- Nothing significant to report.

Cal OES MISSIONS

Cal OES Missions

- **2017-Southern-29577:** Cal OES Telecommunications will be providing a Mobile Interoperability Gateway Unit (MIGU) and 2-3 operators to support race communications coordination and management at the 2017 Baker to Vegas run, San Bernardino County. **Mission Ongoing.**
- **2016-IREOC-21748:** Tasking Caltrans to extend state highway right of way to facilitate hazard tree removal. This is a long term mission and is expected to remain in place through the summer months. **Mission Ongoing.**
- **2015-IREOC-19846:** One RAWS weather station to Amador OA – On scene 11/30/15, expected to be left in place until May 2017. **Mission Ongoing.**

Cal OES 2017 DROUGHT

The SOC remains activated in support of the Drought State of Emergency and continues to monitor the situation.

Current Local Emergency Proclamations:

A total of **55** local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:

- 22 Counties: Calaveras, El Dorado, Fresno, Glenn, Inyo, Kern, Kings, Madera, Mariposa, Merced, Modoc, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Stanislaus, Sutter, Trinity, Tulare, and Tuolumne.
- 10 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of Rancho Cucamonga (San Bernardino County), City of West Sacramento (Yolo County), and City of Fort Bragg (Mendocino County).
- 11 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County), Sherwood Valley Pomo Indian Tribe (Mendocino County), Tolowa Dee-ni' Nation (Del Norte), Tule River Indian Tribe (Tulare County), Tuolumne Band of Me-Wuk Indians (Tuolumne County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.